

ASHTABULA WEEKLY TELEGRAPH.

BY JAMES REED.

VOLUME IX. NO. XXX

Independent in all things.

ASHTABULA, O. SATURDAY MORNING, JULY 24, 1858.

\$1.50 IN ADVANCE.

WHOLE NUMBER 448.

TERMS OF SUBSCRIPTION.

Published weekly, at \$1.50 per annum in advance.

Advertisements.

One square one week \$1.00

Two squares one week \$1.50

Three squares one week \$2.00

Four squares one week \$2.50

Five squares one week \$3.00

Six squares one week \$3.50

Seven squares one week \$4.00

Eight squares one week \$4.50

Nine squares one week \$5.00

Ten squares one week \$5.50

Eleven squares one week \$6.00

Twelve squares one week \$6.50

Thirteen squares one week \$7.00

Fourteen squares one week \$7.50

Fifteen squares one week \$8.00

Sixteen squares one week \$8.50

Seventeen squares one week \$9.00

Eighteen squares one week \$9.50

Nineteen squares one week \$10.00

Twenty squares one week \$10.50

Twenty-one squares one week \$11.00

Twenty-two squares one week \$11.50

Twenty-three squares one week \$12.00

Twenty-four squares one week \$12.50

Twenty-five squares one week \$13.00

Twenty-six squares one week \$13.50

Twenty-seven squares one week \$14.00

Twenty-eight squares one week \$14.50

Twenty-nine squares one week \$15.00

Thirty squares one week \$15.50

Thirty-one squares one week \$16.00

Thirty-two squares one week \$16.50

Thirty-three squares one week \$17.00

Thirty-four squares one week \$17.50

Thirty-five squares one week \$18.00

Thirty-six squares one week \$18.50

Thirty-seven squares one week \$19.00

Thirty-eight squares one week \$19.50

Thirty-nine squares one week \$20.00

Forty squares one week \$20.50

Forty-one squares one week \$21.00

Forty-two squares one week \$21.50

Forty-three squares one week \$22.00

Forty-four squares one week \$22.50

Forty-five squares one week \$23.00

Forty-six squares one week \$23.50

Forty-seven squares one week \$24.00

Forty-eight squares one week \$24.50

Forty-nine squares one week \$25.00

Fifty squares one week \$25.50

Fifty-one squares one week \$26.00

Fifty-two squares one week \$26.50

Fifty-three squares one week \$27.00

Fifty-four squares one week \$27.50

Fifty-five squares one week \$28.00

Fifty-six squares one week \$28.50

Fifty-seven squares one week \$29.00

Fifty-eight squares one week \$29.50

Fifty-nine squares one week \$30.00

Sixty squares one week \$30.50

Sixty-one squares one week \$31.00

Sixty-two squares one week \$31.50

Sixty-three squares one week \$32.00

Sixty-four squares one week \$32.50

Sixty-five squares one week \$33.00

Sixty-six squares one week \$33.50

Sixty-seven squares one week \$34.00

Sixty-eight squares one week \$34.50

Sixty-nine squares one week \$35.00

Seventy squares one week \$35.50

Seventy-one squares one week \$36.00

Seventy-two squares one week \$36.50

Seventy-three squares one week \$37.00

Seventy-four squares one week \$37.50

Seventy-five squares one week \$38.00

Seventy-six squares one week \$38.50

Seventy-seven squares one week \$39.00

Seventy-eight squares one week \$39.50

Seventy-nine squares one week \$40.00

Eighty squares one week \$40.50

Eighty-one squares one week \$41.00

Eighty-two squares one week \$41.50

Eighty-three squares one week \$42.00

Eighty-four squares one week \$42.50

Eighty-five squares one week \$43.00

G. B. HOLBROOK, - Practical Surveyor.

Residence, Ashland, Ohio.

Boots and Shoes.

D. PHILLIPS, Boot and Shoe Store, Fair's

Block, Sign of the Big Shoe, Ashland, O.

Miscellaneous.

SPENCEMAN WRITING. - A new sheet

of paper, of very superior quality, and

very cheap, for sale at the Ashland

Store, Ashland, Ohio.

A. RAYMOND, Dealer in Fruit and Orna-

ments, Ashland, Ohio.

W. R. ALLEN, Book Binder, Books, and

Magazines, Ashland, Ohio.

H. A. MARSH, Successor to R. Howell,

Printer, Ashland, Ohio.

WILLARD & REEVES, Dealers in Italian

Marble, Ashland, Ohio.

A. L. THURSTON, Carman, has taken

the establishment of David Camp, and will

be in the city, Ashland, Ohio.

EMORY LUCE, Dealer in Sweet Potatoes,

and other Vegetables, Ashland, Ohio.

STANTON & BROTHER, Livery and Sale

Stables, in connection with the Fish House,

Ashland, Ohio.

J. M. E. - We shall sell Lime at the Har-

bor for the year of 1858, at 25 cents per

barrel, and at the Depot at Ashland, Ohio.

Commission Merchants.

HALL & SEYMOUR, Forwarding and Com-

mission Merchants, Ashland, Ohio.

GRISWOLD & SHORES, Produce Commis-

sion Merchants, Ashland, Ohio.

FLORIAN, McCORMICK & Co.,

Commission Merchants, Ashland, Ohio.

BATTERFIELD & Co.,

Commission Merchants, Ashland, Ohio.

J. M. E. - We shall sell Lime at the Har-

bor for the year of 1858, at 25 cents per

barrel, and at the Depot at Ashland, Ohio.

Commission Merchants.

HALL & SEYMOUR, Forwarding and Com-

mission Merchants, Ashland, Ohio.

GRISWOLD & SHORES, Produce Commis-

sion Merchants, Ashland, Ohio.

FLORIAN, McCORMICK & Co.,

Commission Merchants, Ashland, Ohio.

BATTERFIELD & Co.,

Commission Merchants, Ashland, Ohio.

J. M. E. - We shall sell Lime at the Har-

bor for the year of 1858, at 25 cents per

barrel, and at the Depot at Ashland, Ohio.

Commission Merchants.

HALL & SEYMOUR, Forwarding and Com-

mission Merchants, Ashland, Ohio.

GRISWOLD & SHORES, Produce Commis-

sion Merchants, Ashland, Ohio.

FLORIAN, McCORMICK & Co.,

Commission Merchants, Ashland, Ohio.

BATTERFIELD & Co.,

Commission Merchants, Ashland, Ohio.

J. M. E. - We shall sell Lime at the Har-

bor for the year of 1858, at 25 cents per

barrel, and at the Depot at Ashland, Ohio.

Commission Merchants.

HALL & SEYMOUR, Forwarding and Com-

mission Merchants, Ashland, Ohio.

GRISWOLD & SHORES, Produce Commis-

sion Merchants, Ashland, Ohio.

FLORIAN, McCORMICK & Co.,

Commission Merchants, Ashland, Ohio.

BATTERFIELD & Co.,

Commission Merchants, Ashland, Ohio.

J. M. E. - We shall sell Lime at the Har-

bor for the year of 1858, at 25 cents per

barrel, and at the Depot at Ashland, Ohio.

Commission Merchants.

HALL & SEYMOUR, Forwarding and Com-

mission Merchants, Ashland, Ohio.

GRISWOLD & SHORES, Produce Commis-

sion Merchants, Ashland, Ohio.

FLORIAN, McCORMICK & Co.,

Commission Merchants, Ashland, Ohio.

BATTERFIELD & Co.,

Commission Merchants, Ashland, Ohio.

J. M. E. - We shall sell Lime at the Har-

Potato Rot - Its Cause and Cure.

From the English Commercial, Nov. 25.

Ever since the disease known as potato rot

first appeared, hypotheses have been offered

as to its cause and cure. A malady at-

tacking an excellent so important and form-

ing so large a portion of our daily food,

was at once recognized as a national dis-

aster, and researches of scientific men were

directed to its study. Up to the present

time no satisfactory theory has been pro-

posed. In giving publicity to that

which we are now about to notice, we shall

confine ourselves mostly to what has been

done by actual experiment, and to the lo-

gic conclusions which inductive reason-

ing from these experiments affords. Our

personal knowledge is confined to the fol-

lowing facts:

On the morning of the 24th of June, Mr.

Alexander Henderson of this city, left

at our office a glass jar, containing a sound

and healthy potato plant, covered in by a

perforated paper so as to afford air. He

placed it there at 7 A. M., and with it

were confined some six or eight insects,

which Mr. H. believes to be the source of

the potato rot. The insect itself we cannot

describe scientifically. It is about half

the size of the common house-fly, of a

brownish color, has six legs, two pairs of

bristly diaphanous wings, two antennae,

and a long, strong proboscis. Mr. H. thinks it

is the Phytomyza, but is not positive as to

that. At the end of twenty-four hours the

plant was evidently diseased. The insect

was actively engaged upon its various por-

tions, which became brown and moldy in

the leaf, while the stalk, in the course of

two or three days, suffered a putrescent

change, until, on the 28th, some of them

fell over by their own weight, the stalk

being swollen and softened, in some places

quite to a jelly of a sickly green color.

This process, Mr. Henderson informs us,

takes place uniformly, but most rapidly

when the plant is freely watered and ex-

posed to sun and air, as the specimen ex-

posed was not. To all external appearance,

the disease was identical with the ordinary

potato rot as it attacks the vines. Some

pieces of early (this year's) potatoes, placed

in the jar, were also plainly attacked by the

rot during the four days of exposure.

Mr. Henderson states that he has been

engaged in this research since 1845; that

in 1850 he discovered the bug on the vines,

but thought it was confined to them.

During the last year he has found it on the

tubers, and watched its effects on them.

It appears on the vines in from two and a

half to three months after planting, accord-

ing to soil and manure, a richly manured

soil producing the perfect insect sooner.

The natural history of the insect begins

with the development of the egg. This is

invisible to the naked eye, but can be seen

with the aid of a lens, agglutinated to the

skin of the potato. It is of an oblong form

and is planted with the seed potato. The

egg may be hatched in a warm, moist place.

The entire period of development is not

settled. Mr. H. exposed a plant to the in-

sect, under proper precautions, and from

the time of the exposure to the time the

young insect emerged, he counted the time.

His wings were three months. The

process of reproduction has been ingeniously

watched by Mr. Henderson. The egg

planted with the seed potato is hatched,

and the young insect stays in the ground

until he gets wings. In the meantime he

is engaged in stinging the tubers, each per-

foration poisoning the root and begetting

the rot. While yet in the ground, and as

early as the tenth day of existence, the

young insects cohabit, and from the great

Independence - Day for Women.

From the New York Independent.

On the morning of the recent Fifth of

July, while the incessant crackling of

crackers was fracturing the sunny air on

every side, and ambitious pistols, with wads

in the middle and boys at the end of them,

were testifying the juvenile delight in a hol-

iday, and orators were doing the joyful or

the doleful over the Nation, to the custom-

ary extent, and with the usual intensity,

we passed an hour or two in watching at

home, more leisurely than before, the mo-

tion and operation of that little mechanism

which is to make in the era of real inde-

pendence for Women, if they wisely and

faithfully avail themselves of it, - the Saw-

ing Machine. Its silver-plated surface was

pleasing to look at, though its brass-butto-

ns, to say nothing of the welcoming

whirl wheel delivered a music not certainly so

inspiring, or so brilliant with